

PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete If Known

Application Number	10/715,160
Filing Date	11/17/2003
First Named Inventor	Shaun Calvin Howick
Art Unit	3739
Examiner Name	Unknown
Attorney Docket Number	1139-005

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,887,788	06/03/1975	Seibel et al.	
		US- 4,237,366	12/02/1980	Berg	
		US- 4,410,790	10/18/1983	Berg et al.	
		US- 4,527,047	07/02/1985	Seitz	
		US- 4,568,281	02/04/1986	Harvey et al.	
		US- 4,628,187	12/09/1986	Sekiguchi et al.	
		US- 4,631,391	12/23/1986	Tiepke	
		US- 4,742,741	05/10/1988	Hallberg et al.	
		US- 4,777,351	10/11/1988	Batliwalla et al.	
		US- 4,857,711	08/15/1989	Watts	
		US- 4,882,466	11/21/1989	Friel	
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		US- 4,910,388	03/20/1990	Lorenz et al.	
		US- 4,919,744	04/24/1990	Newman	
		US- 4,931,627	06/05/1990	Watts	
		US- 4,942,286	07/17/1990	Monter et al.	
		US- 5,015,824	05/14/1991	Monter et al.	
		US- 5,045,673	09/03/1991	Kelly	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 02/32188	10/06/2000	Illinois Tool Works Inc.		

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1/25/07

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AS		US- 5,111,025	05/05/1992	Barma et al.	
		US- 5,132,840	07/21/1992	Okada et al.	
		US- 5,155,625	10/13/1992	Komatsu et al.	
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		US- 5,198,639	03/30/1993	Smuckler	
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AS		US- 5,719,378	02/17/1998	Jackson, Jr. et al.	

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		US- 5,731,569	03/24/1998	Crescenzo	
		US- 5,824,996	10/20/1998	Kochman et al.	
		US- 5,902,505	05/11/1999	Finley	
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		Number-Kind Code ² (if known)			
115		US- 6,433,317	08/13/2002	Arx et al.	
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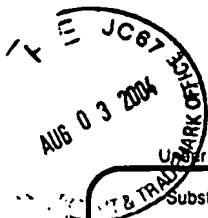
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 2004/001775 A1	12/31/2003	Matshushita Electric Industrial Co., Ltd.		X

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Application Number

10/715.160

Filing Date

11/17/2003

First Named Inventor

Shaun Calvin Howick

Art Unit

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Examiner Name

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Attorney Docket Number


1139-005

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
MS		WO 2004/001775 A1	12/31/2003	Matsushita Electric Industrial Co., Ltd.		X
		JP 2001-326105	11/22/2001	TDK Corp.		X
		JP 2001-237104	08/31/2001	NGK Insulators Ltd		X
		WO 00/10177	02/24/2000	Gen Electric		
MS		JP 2002-270403	09/20/2002	Matsushita Electric Ind. Co. Ltd.		X

Examiner Signature		Date Considered	4/25/02
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		JP 2003-217903	07/31/2003	Susumu Co. Ltd.		X
		JP 2003-109804	04/11/2003	Matsushita Electric Ind. Co. Ltd.		X
		JP 2003-217904	07/31/2003	Matsushita Electric Ind. Co. Ltd.		X
		JP 2003-217902	07/31/2003	Matsushita Electric Ind. Co. Ltd.		X
		EP 0 356 087 B1	09/28/1994	Illinois Tool Works Inc.		

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
MB		EP 1 132 028 A1	09/12/2001	Matsushita Electric Industrial Co., Ltd.		
MB		EP 0 582 734 A1	02/16/1994	LEDA Logarithmic Electrical Devices		
MB		EP 1 001 655 A2	05/17/2000	Illinois Tool Works Inc.		

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Sheet	1	of	1
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Application Number	10/715,160
Filing Date	11/17/2003
First Named Inventor	Shaun Calvin Howick
Group Art Unit	3739
Examiner Name	Unknown
Attorney Docket Number	1139-005

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